

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056419.D
 Acq On : 17 Nov 2023 01:34
 Operator : MD/SY
 Sample : 05416-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 04:31:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 04:03:21 2023
 Response via : Initial Calibration

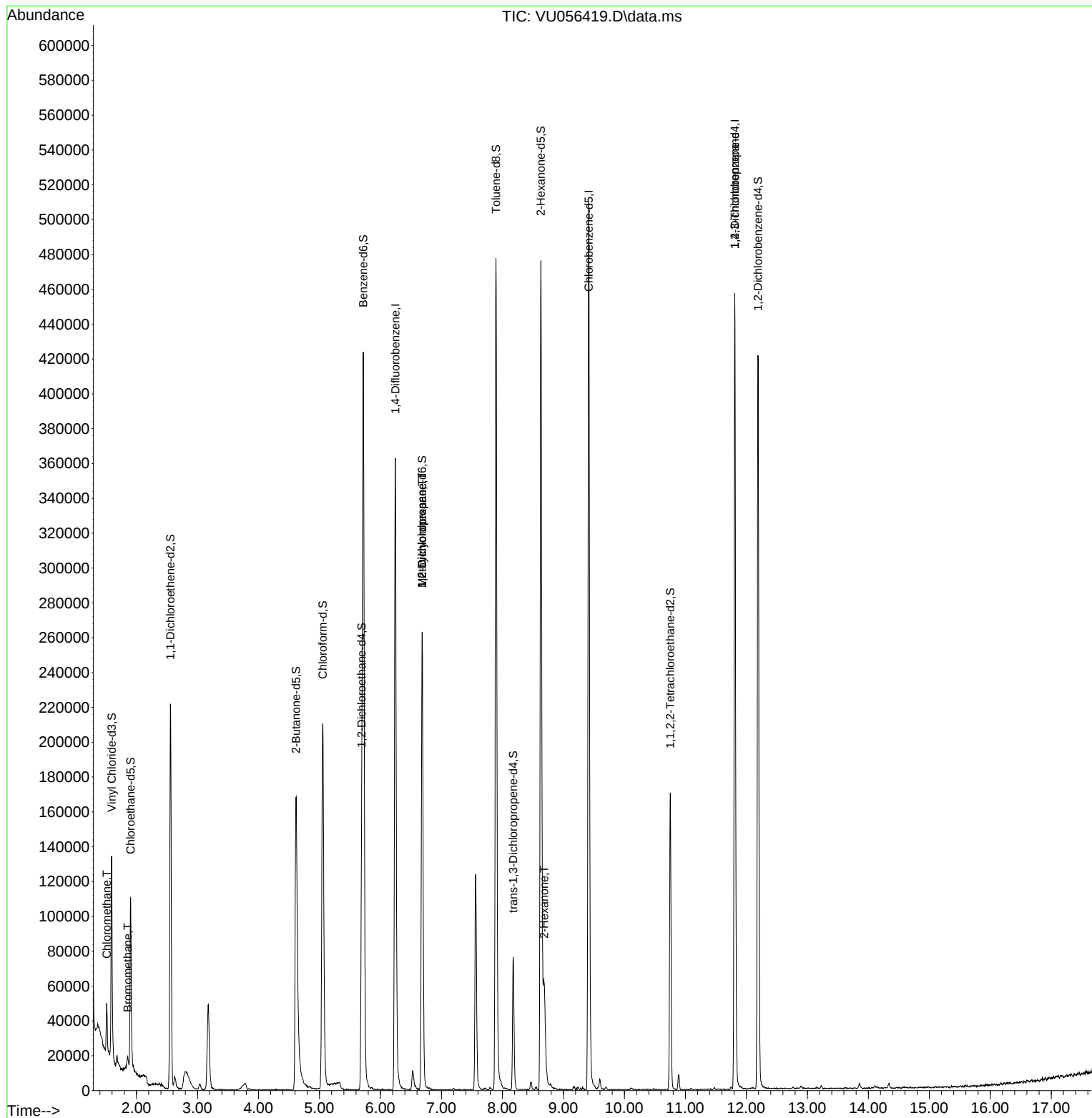
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	297072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	299428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	122965	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	94198	4.239	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.904	69	77944	4.575	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.557	65	43284	4.414	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	4.615	46	239218	53.991	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.980%	
24) Chloroform-d	5.055	84	204734	4.764	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.692	65	107173	5.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	5.718	84	403866	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.685	67	129268	4.808	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.894	98	335904	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.177	79	44567	4.322	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.631	63	164625	40.624	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.240%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85927	4.473	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	114346	5.034	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
3) Chloromethane	1.512	50	21647	0.900	ug/L	96
6) Bromomethane	1.856	94	2823	0.241	ug/L	89
35) Methylcyclohexane	6.682	83	30905	0.920	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13670	0.614	ug/L #	88
48) 2-Hexanone	8.685	43	41074	4.774	ug/L	95
61) 1,2,3-Trichloropropane	11.811	75	15849	1.502	ug/L #	67

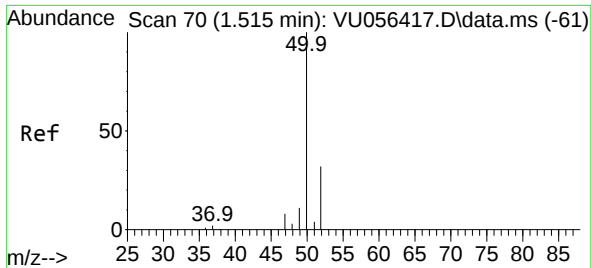
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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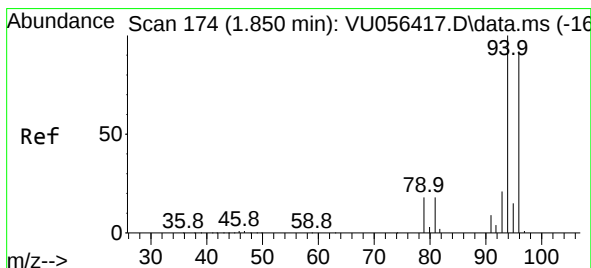
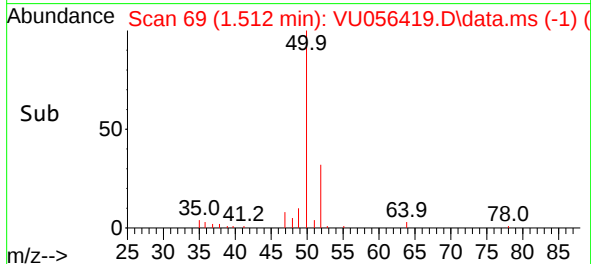
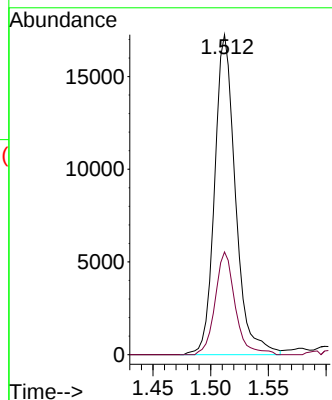
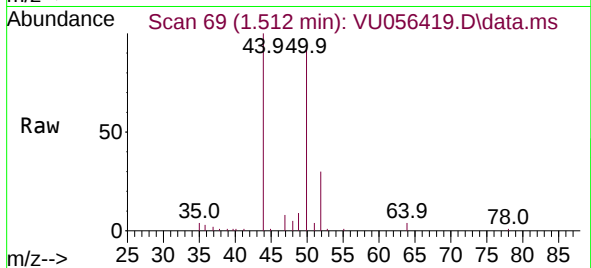




#3
Chloromethane
Concen: 0.900 ug/L
RT: 1.512 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU056419.D
Acq: 17 Nov 2023 01:34

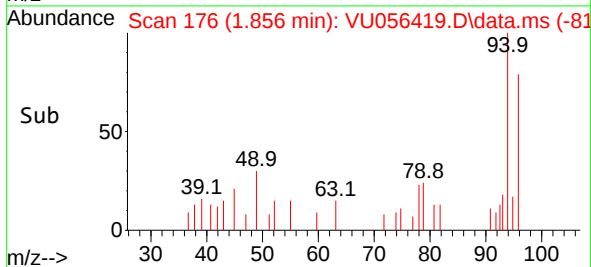
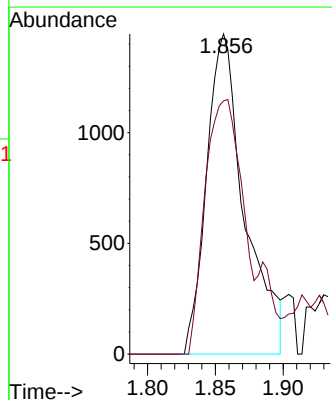
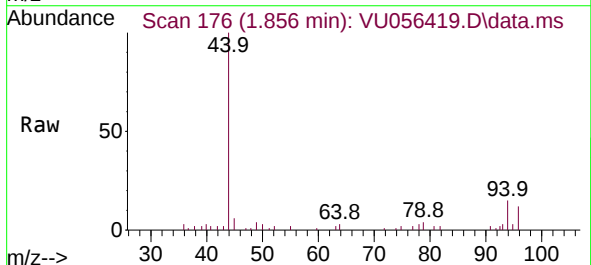
Instrument :
MSVOA_U
ClientSampleId :

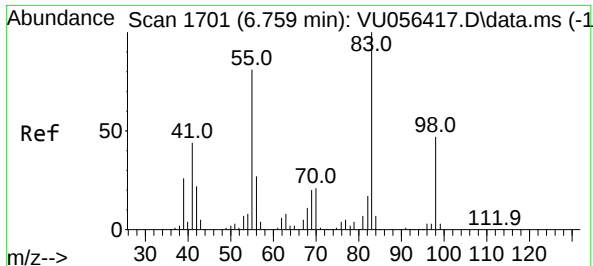
Tgt Ion: 50 Resp: 21647
Ion Ratio Lower Upper
50 100
52 32.1 24.3 45.1



#6
Bromomethane
Concen: 0.241 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.006 min
Lab File: VU056419.D
Acq: 17 Nov 2023 01:34

Tgt Ion: 94 Resp: 2823
Ion Ratio Lower Upper
94 100
96 79.1 62.6 116.2

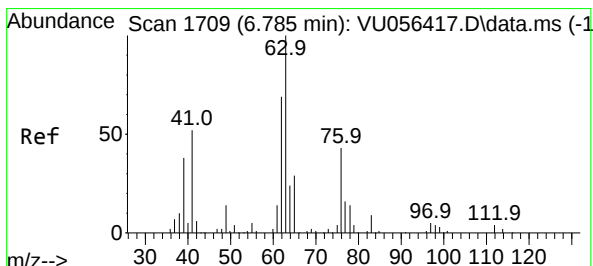
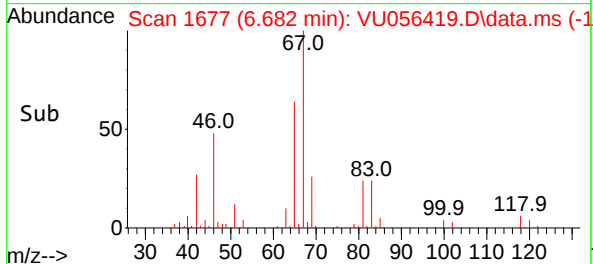
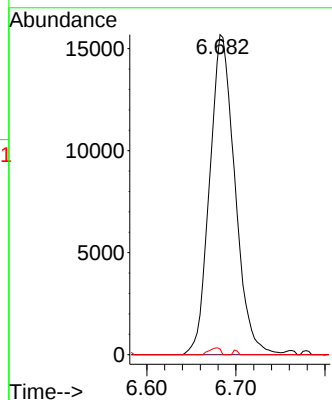
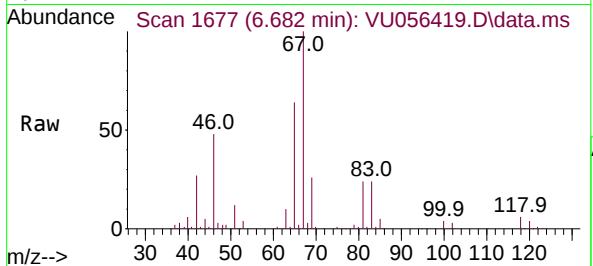




#35
Methylcyclohexane
Concen: 0.920 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056419.D
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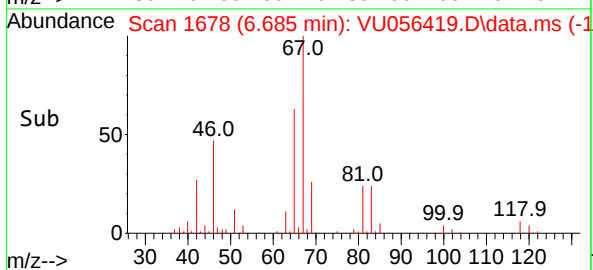
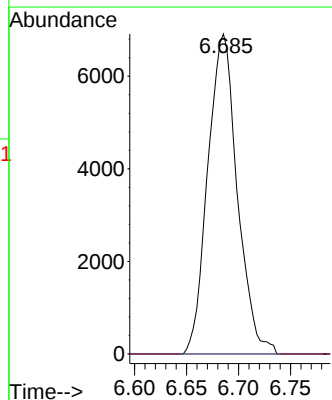
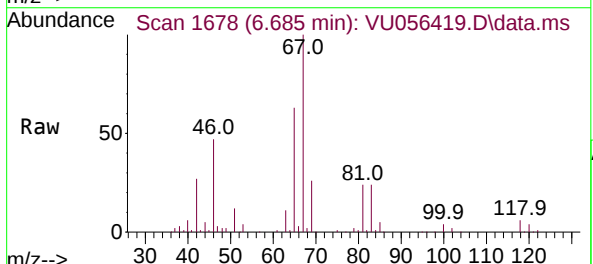
Instrument :
MSVOA_U
ClientSampleId :

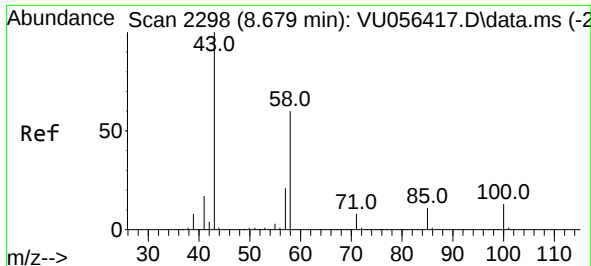
Tgt Ion: 83 Resp: 30905
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.9 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056419.D
Acq: 17 Nov 2023 01:34

Tgt Ion: 63 Resp: 13670
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

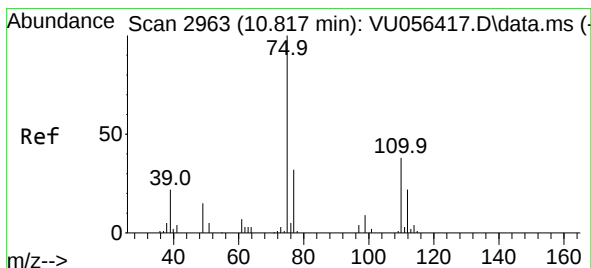
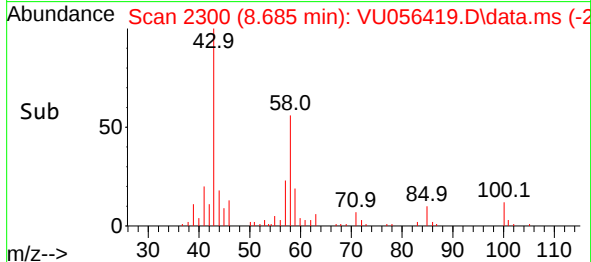
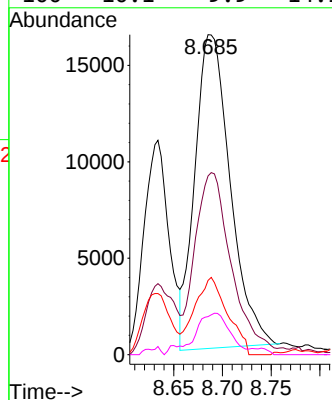
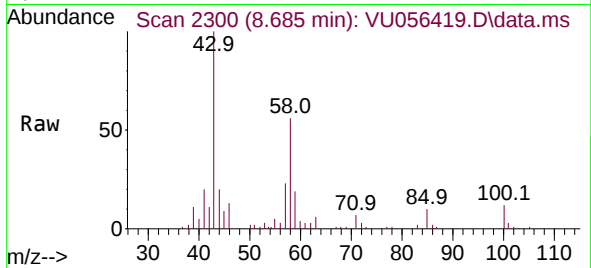




#48
2-Hexanone
Concen: 4.774 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056419.D
Acq: 17 Nov 2023 01:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	41074
Ion	Ratio	Lower	Upper
43	100		
58	57.1	48.7	73.1
57	23.1	16.8	25.2
100	10.1	9.9	14.9



#61
1,2,3-Trichloropropane
Concen: 1.502 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056419.D
Acq: 17 Nov 2023 01:34

Tgt Ion:	75	Resp:	15849
Ion	Ratio	Lower	Upper
75	100		
110	2.7	30.4	45.6#
77	31.6	27.0	40.6

